	I		
	Α	eronautics Educat	tor Guide
		2009 Mathema	tics
		rity Academic Stu	ident Skills
Oklahoma Mathemati	cs		
Grade 2			
Activity/Lesson	State	Standards	
			Measure objects using standard units (e.g.,
A: E : (40.40)	014		measure length to the nearest foot, inch, and
Air Engines (12-16)	OK	MA.2.4.1.a	half inch).
			Collect, sort, organize, and display data in
Data = Mata = (CO 75)	OK	MA 0 5 4 -	charts, bar graphs, and tables (e.g., collect data
Rotor Motor (69-75)	OK	MA.2.5.1.a	on teeth lost and display results in a chart).
Eliabt: Interdisciplinant			Collect cort organize and display data in
Flight: Interdisciplinary			Collect, sort, organize, and display data in
Learning Activities (76-79)	OK	MA.2.5.1.a	charts, bar graphs, and tables (e.g., collect data on teeth lost and display results in a chart).
19)	OK	IVIA.2.5.1.a	Collect, sort, organize, and display data in
Dunked Napkin ( 17-			charts, bar graphs, and tables (e.g., collect data
22)	ОК	MA.2.5.1.a	on teeth lost and display results in a chart).
	OIX	WIA.2.3.1.a	on teeth lost and display results in a chart).
	Δ	eronautics Educat	tor Guide
		2009 Mathema	
	Pric	ority Academic Stu	
Oklahoma Mathemati			
Grade 3			
Activity/Lesson	State	Standards	
			Develop and use strategies to choose an
			appropriate unit and measurement instrument to
			estimate measurements (e.g., use parts of the
Air Engines (12-16)	OK	MA.3.4.1.d	body as benchmarks for measuring length).
			Read graphs and charts, identify the main idea,
Flight: Interdisciplinary			draw conclusions, and make predictions based
Learning Activities (76-			on the data (e.g., predict how many children will
79)	OK	MA.3.5.1.b	bring their lunch based on a menu).
Where is North? The			Pose questions, collect, record, and interpret
Compass Can Tell Us			data to help answer questions (e.g., which was
(87-90)	OK	MA.3.5.1.a	the most popular booth at our carnival?).
Plan to Fly There (97-			Solve simple addition problems with time (e.g.,
106)	OK	MA.3.4.2.a	15 minutes added to 1:10 p.m.).
Paper Bag Mask (23-			Develop and use the concept of perimeter of
28)	OK	MA.3.4.1.c	different shapes to solve problems.
			Develop and use strategies to choose an
D D 14 1 (25			appropriate unit and measurement instrument to
Paper Bag Mask (23-	014		estimate measurements (e.g., use parts of the
28)	17.317	MA.3.4.1.d	body as benchmarks for measuring length).
20)	OK	1417 ( 1	
20)	UK	100.0.1.1.0	Pose questions, collect, record, and interpret
Bag Balloons (40-43)	OK	MA.3.5.1.a	

			Read graphs and charts, identify the main idea,		
			draw conclusions, and make predictions based		
			on the data (e.g., predict how many children will		
Right Flight (52-59)	OK	MA.3.5.1.b	bring their lunch based on a menu).		
Aeronautics Educator Guide					
2009 Mathematics					
Priority Academic Student Skills Oklahoma Mathematics					
Grade 4					
Activity/Lesson	State	Standards			
7 to a 11 to g 1 = 0 = 0 = 1			Select appropriate customary and metric units of		
			measure and measurement instruments to solve		
			application problems involving length, weight,		
Air Engines (12-16)	OK	MA.4.4.1.c	mass, area, and volume.		
			Collect, organize and record data in tables and		
			graphs (e.g., line graphs (plots), bar graphs,		
Rotor Motor (69-75)	OK	MA.4.5.1.b	pictographs).		
Flight: Interdiscipliner			Collect organize and record data in tables and		
Flight: Interdisciplinary Learning Activities (76-			Collect, organize and record data in tables and graphs (e.g., line graphs (plots), bar graphs,		
79)	ок	MA.4.5.1.b	pictographs).		
Plan to Fly There (97-	OK	IVIA.4.3.1.D	pictographs).		
106)	ок	MA.4.4.2.a	Solve elapsed time problems.		
			Read and interpret data displays such as tallies,		
			tables, charts, and graphs and use the		
We Can Fly, You and			observations to pose and answer questions		
I: Interdisciplinary			(e.g., choose a table in social studies of		
Learning (107-108)	OK	MA.4.5.1.a	population data and write problems).		
			Read and interpret data displays such as tallies,		
			tables, charts, and graphs and use the		
			observations to pose and answer questions		
Dunked Napkin ( 17-			(e.g., choose a table in social studies of		
22)	OK	MA.4.5.1.a	population data and write problems).		
Paper Bag Mask (23-			Develop and use the concept of area of different		
28)	OK	MA.4.4.1.d	shapes using grids to solve problems.		